CIVIL TECH LABS

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

Bitumen Content Determination on BC Mix-Grade 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of the Work	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	28/11/2014

Specification : As Per MORTH (4th Revision) Table 500-18 Bitumen Content for BC/Grade-2 is 5 % TO 7 %

Sl.no	Description	Sample-1	Sample-2
1	Weight of mixture before test, g	1000	1000
2	Weight of mixture after test, g	944	943
3	Weight of bitumen extracted, g	56	57
4	Bitumen content in %	5.6	5.7
5	Average Bitumen content in %	5.65	
Remarks :	**Satisfactory**		

Note:

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3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the client.

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TEST REPORT

GRADATION TEST ON BC MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	28/11/2014
Reference	MORTH Table 500-18 BC Grade 2

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
19	100	100	**Satisfies Requirements**
13.2	79-100	98.1	
9.5	70-88	77.3	
4.75	53-71	66.3	
2.36	42-58	49.3	
1.18	34-48	42.4	
0.6	26-38	33.4	
0.3	18-28	21.8	
0.15	12-20	15.4	
0.075	4-10	8.2	

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TEST REPORT

GRADATION TEST ON BC MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Project	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	28/11/2014
Reference	MORTH Table 500-18 BC-Grade 2

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
19	100	100	**Satisfies Requirements**
13.2	79-100	97.6	
9.5	70-88	78.2	
4.75	53-71	65.3	
2.36	42-58	48.4	
1.18	34-48	43.6	
0.6	26-38	32.1	
0.3	18-28	22.7	
0.15	12-20	16.6	
0.075	4-10	7.9	

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TEST REPORT

Bitumen Content Determination on BM Mix-Grade 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of the Work	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	10/11/2014

Specification : As Per MORTH (4th Revision) Table 500-4
Bitumen Content BM/Grade-2 is 3.3 % TO 3.5 %

Sl.no	Description	Sample-1	Sample-2
1	Weight of mixture before test, g	2000	2000
2	Weight of mixture after test, g	1932	1931
3	Weight of bitumen extracted, g	68	69
4	Bitumen content in %	3.40	3.45
5	Average Bitumen content in %	3.43	
Remarks :	**Satisfactory**		

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TEST REPORT

TEST ON BM MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	10/11/2014
Reference	MORTH Table 500-4 BM-Grade 2

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
26.5	100	100	**Satisfies Requirements**
19	90-100	99.3	
13.2	56-88	78.6	
4.75	16-36	29.2	
2.36	4-19	17.1	
0.3	2-10	8.5	
0.075	0-8	6.7	

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TEST REPORT

TEST ON BM MIX GRADE - 2

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	10/11/2014
Reference	MORTH Table 500-4 BM-Grade 2

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
26.5	100	100	**Satisfies Requirements**
19	90-100	98.6	
13.2	56-88	79.2	
4.75	16-36	28.4	
2.36	4-19	16.1	
0.3	2-10	8.3	
0.075	0-8	6.9	

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TEST REPORT

TEST ON WMM MIX

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	07/11/2014
Reference	MORTH Table 400-11

IS Sieve Designation (mm)	Sample-2		Remarks
	% By Weight Passing IS Sieve	Actual % By Weight Passing IS Sieve	
53	100	100	Satisfies Requirements
45	95-100	98.4	
22.4	60-80	75.5	
11.2	40-60	56.2	
4.75	25-40	33.8	
2.36	15-30	22.9	
0.6	8-22	18.3	
0.075	0-8	6.1	

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TEST REPORT

TEST ON WMM MIX

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Intimation to work order to start the work asphalting to 12th A cross and other roads in Yelahanka New Town in ward no 04.
Name of the Agency	M/s. Technical Manager (West)
Date of Testing	07/11/2014
Reference	MORTH Table 400-11

IS Sieve Designation (mm)	Sample-1		Remarks
	% By Weight Passing IS Sieve	Actual % By Weight Passing IS Sieve	
53	100	100	Satisfies Requirements
45	95-100	99.1	
22.4	60-80	76.5	
11.2	40-60	57.3	
4.75	25-40	34.8	
2.36	15-30	23.7	
0.6	8-22	19.2	
0.075	0-8	6.7	

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